DRAFT TCS HARDWARE / SOFTWARE INSTALLATION REQUIREMENTS MATRIX

This matrix was developed by the Operational Requirements Working Group of the Warfighter Planning Group as a first effort to identify hardware and software requirements for the Services to employ TCS. It is work in progress. Comments, recommended changes and questions are welcome. USACOM POCs are Frank Roberts, BATTLESPACE, Inc at (757) 322-0299, email froberts@battlespace.com or CDR Stefansky or MAJ Wharton at (757) 444-8090, fax (757) 322-0260.

CS REQUIRED EQUIPMENT BASED ON APABILITY DESIRED IN PRODUCTION SYSTEMS	LEVEL	SHELTER/G CS	LOS ANTENNA (IDT)	BLOS ANTENNA	A/V CONTROL COMPONE NTS	A/V AUTO LAUNCH AND RECOVER	AVO WORKSTA	MISSION PO WORKSTA	CTDB SERVER	CDB SERVER	IMAGE LIBRARY (NIMA)	TACTICA
USAF												
Predator GCS												
Predator	5				Х							
HAE	1											
AOC/WOC												
Pioneer	2		Х		Х		Х		Х			
Outrider	2		&		Х		&		&			
Predator	2		&	Х	Х		&		&			
HAE	1											
USA												
Outrider Shelter												
Outrider/TUAV	5				Х	Х	Х	Х	Χ	Х		
Predator	4*		**	Х	Х		&	&	&	&		
HAE	1											
TOC (+others)												
Outrider/TUAV	2		Х		Х		Х		Χ			
Predator	2		&	Х	Х		&		&			
HAE	1											
JUAVTC												
Pioneer	5		Х		Х	Х	Х	Х	Χ			
Outrider (2 SYSTEMS)	5		Х		Х	2X	2X	2X	2X			
HAE	1											
Predator (Indian Springs)	4*		X		X		X		Х			
USMC												
Discours			V		V		v	V		V		
Pioneer	5		X &		X	X &	X &	X	X	X		
Outrider Predator	5 4*				X	Č.		&	&	&		
			&				&	&	&	&		
VTOL HAE	5		&		X	&	&	&	&	&		
ΠΑΕ	1											

TCS REQUIRED EQUIPMENT BASED ON CAPABILITY DESIRED IN PRODUCTION SYSTEMS		LEVEL	SHELTER/G CS	LOS ANTENNA (IDT)	BLOS ANTENNA	A/V CONTROL COMPONE NTS		AVO WORKSTA	MISSION PO WORKSTA	CTDB SERVER	CDB SERVER	IMAGE LIBRARY (NIMA)	COMMS
USN													
CV													
Pioneer		4		X		Х		X	Х	X	X		
Outrider		4		&		X		&	&	^ &	& &		
Predator		4*		&	Х	X		&	&	<u> </u>	&		
VTOL		5		&	Λ	X	Х	&	&	&	&		
HAE		1							<u> </u>		~		
LHA/LHD													
Pioneer		4		Х		Х		Х	Х	Χ	Х		
Outrider		5		&		Х	Х	&	&	&	&		
Predator		4*		&	Х	Х		&	&	&	&		
VTOL		5		&		Х	Х	&	&	&	&		
HAE		1											
LPD													
Pioneer		5		X		Х		X	X	Χ	X		
Outrider		4		&		Х		&	&	&	&		
Predator		4*		&	Х	Х		&	&	&	&		
VTOL		5		&		Х	X	&	&	&	&		
HAE		1											
CRU/DES													
Pioneer		4		Х		Х		X	X	Χ	X		
Outrider		4		&		X		&	&	&	&		
Predator		4*		&	X	X		&	&	&	&		
VTOL		5		&		X	Х	&	&	&	&		
HAE		1											
LCC													
Pioneer		4		Х		X		X	X	Χ	Х		
Outrider		4		&		X		&	&	&	&		
Predator		4*		&	Х	X		&	&	&	&		
VTOL		5		&		X	X	&	&	&	&		
HAE		1											
SSN													
Pioneer		4		Х		X		Х	Х	Χ	Х		
Outrider		4		&		X		&	&	&	&		
Predator		4*		&		X		&	&	&	&		
VTOL		4		&		X		&	&	&	&		
HAE		1											

*Current USAF (USAF/USA agreement) Doctrine does not support										
**If LOS Predator data is required either a modification to Outrider GDT will be required or a LOS antenna will be required										
*** If control of Predator and payload is desired, a TCS system is required for training. Possible training site Indian Springs.										
& Buy TCS once- capability is there for others on same platform.										